

00622E0-2258E560

FIGURE 1

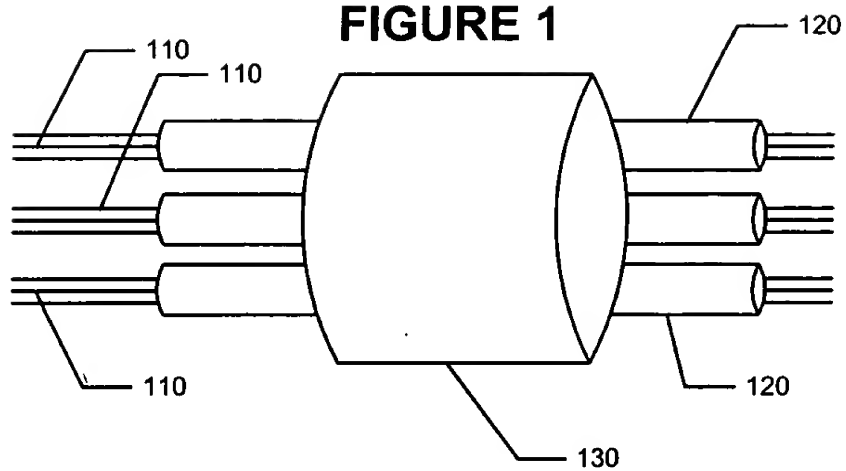
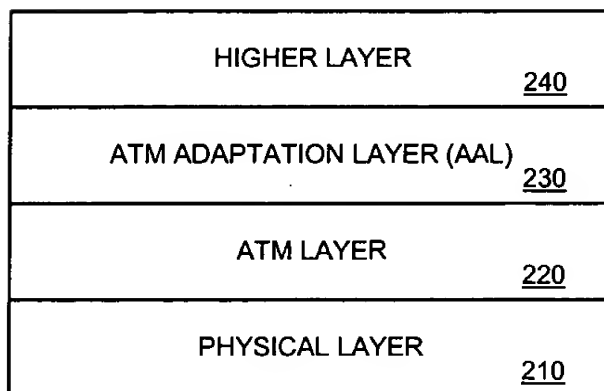
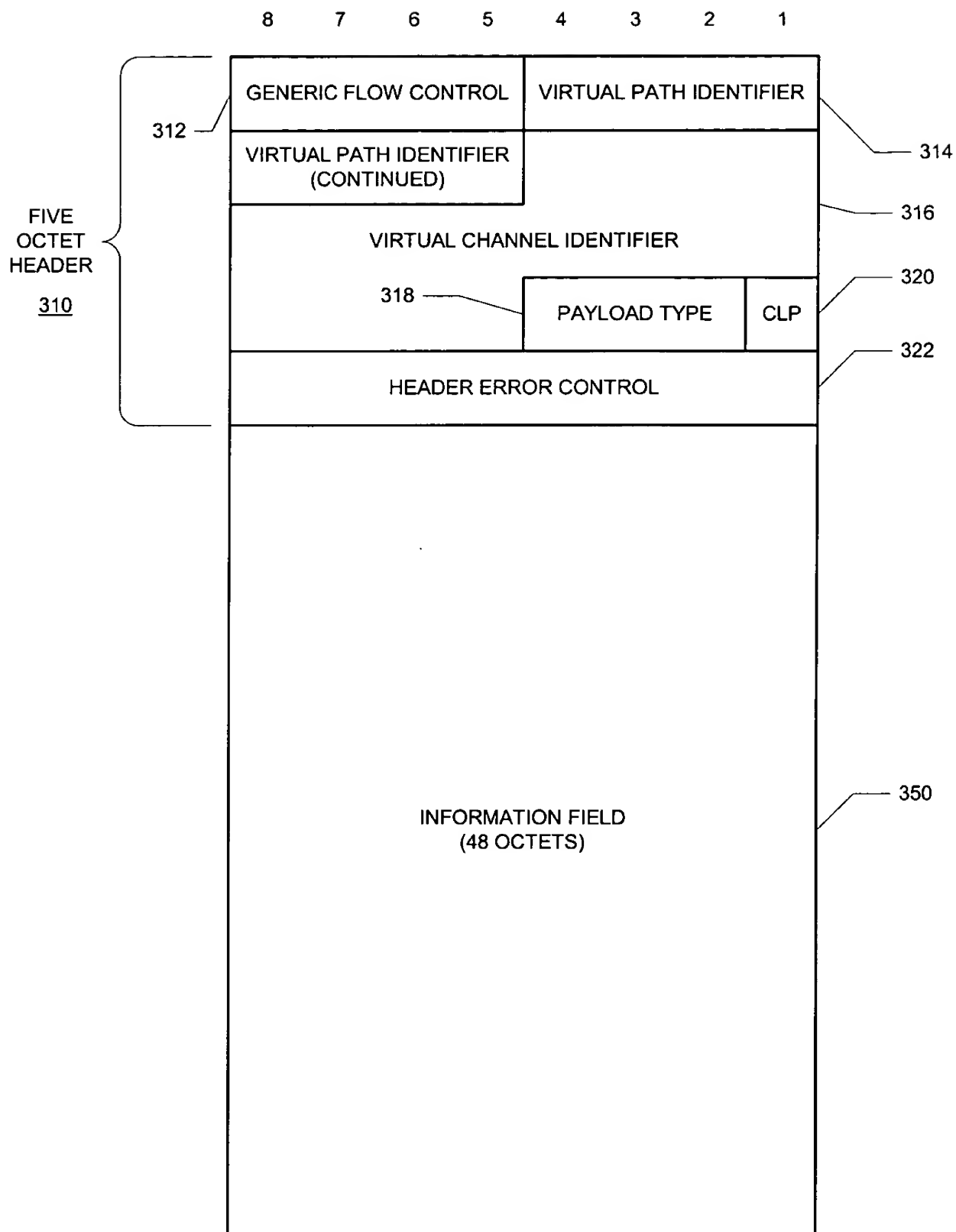


FIGURE 2

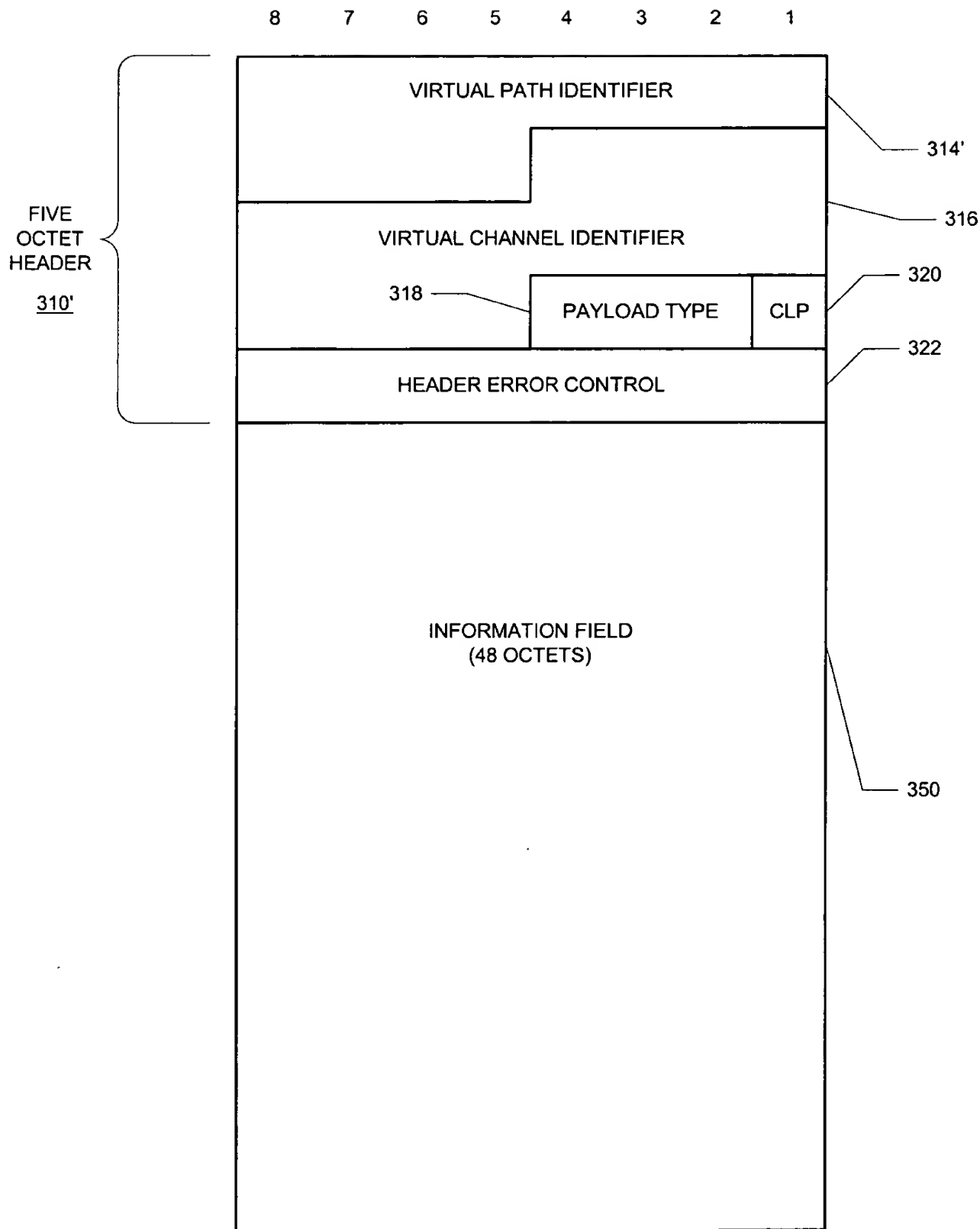




300
FIGURE 3A

[illegible]

006220" 2458E560



300'
FIGURE 3B

FIGURE 5

410'

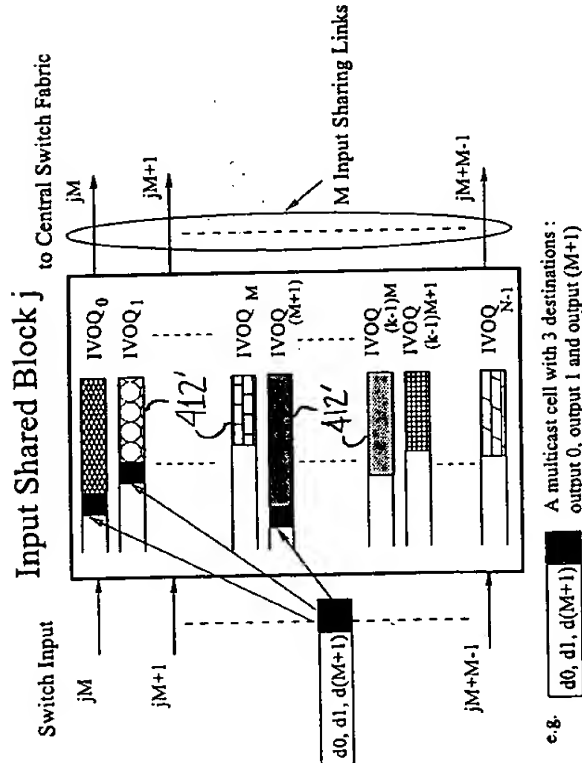


FIGURE 6

410"

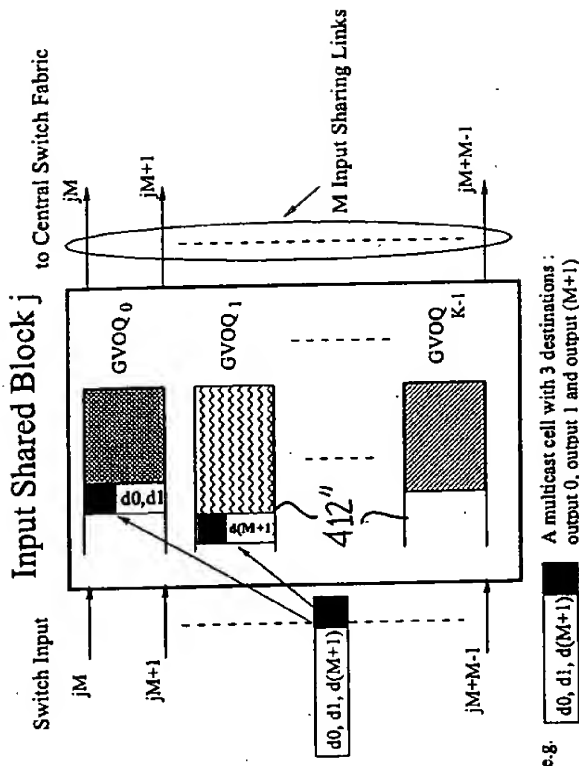
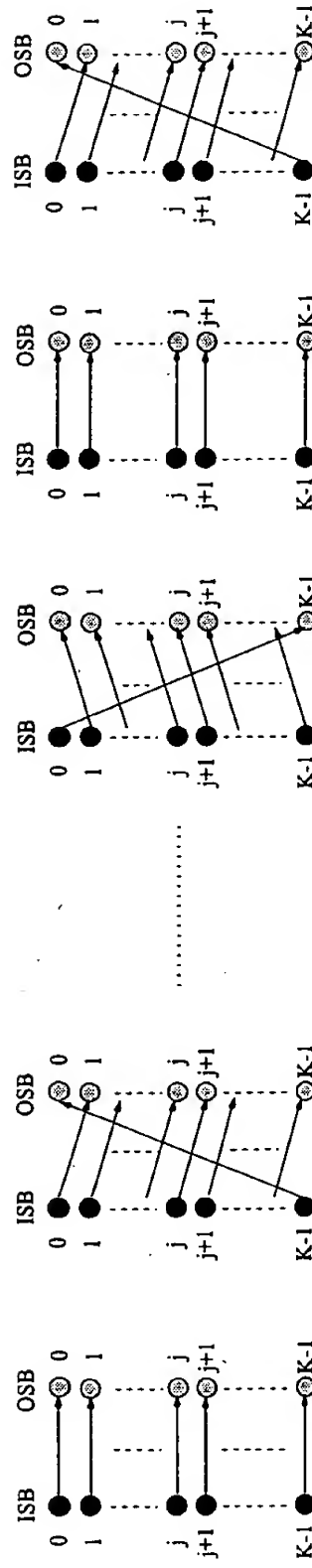


FIGURE 7



Cell Slot $t = 0$	Cell Slot $t = 1$	Cell Slot $t = K-1$	Cell Slot $t = K$	Cell Slot $t = K+1$
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FIGURE 8

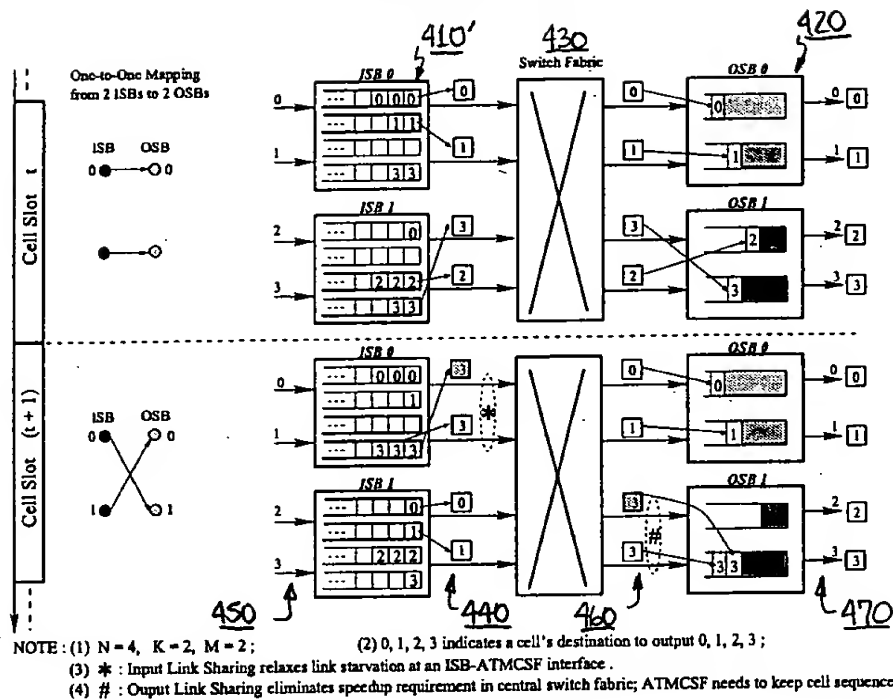
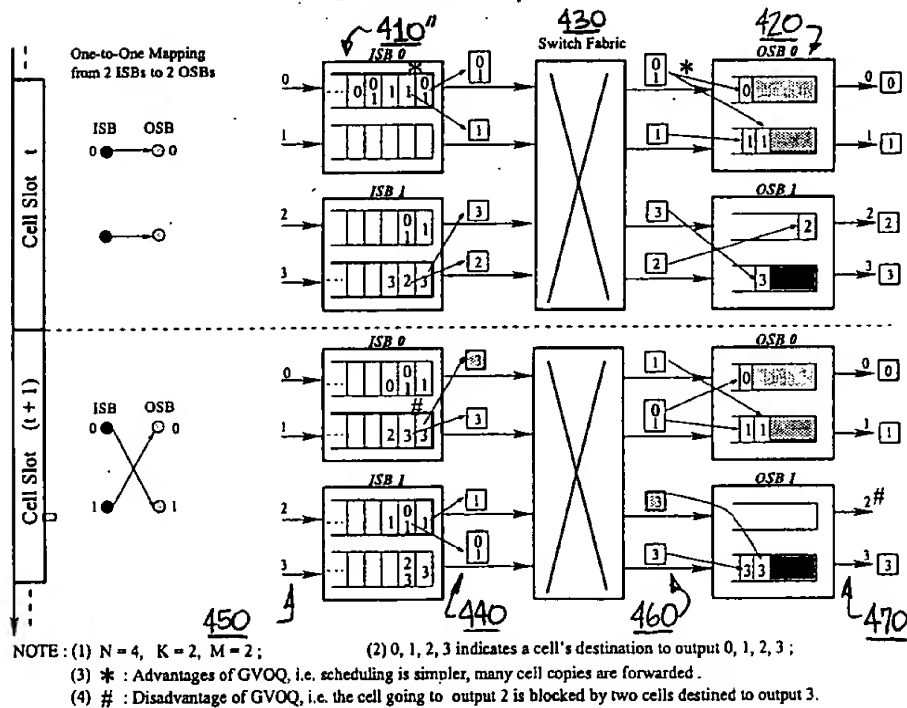


FIGURE 9



006220 032900

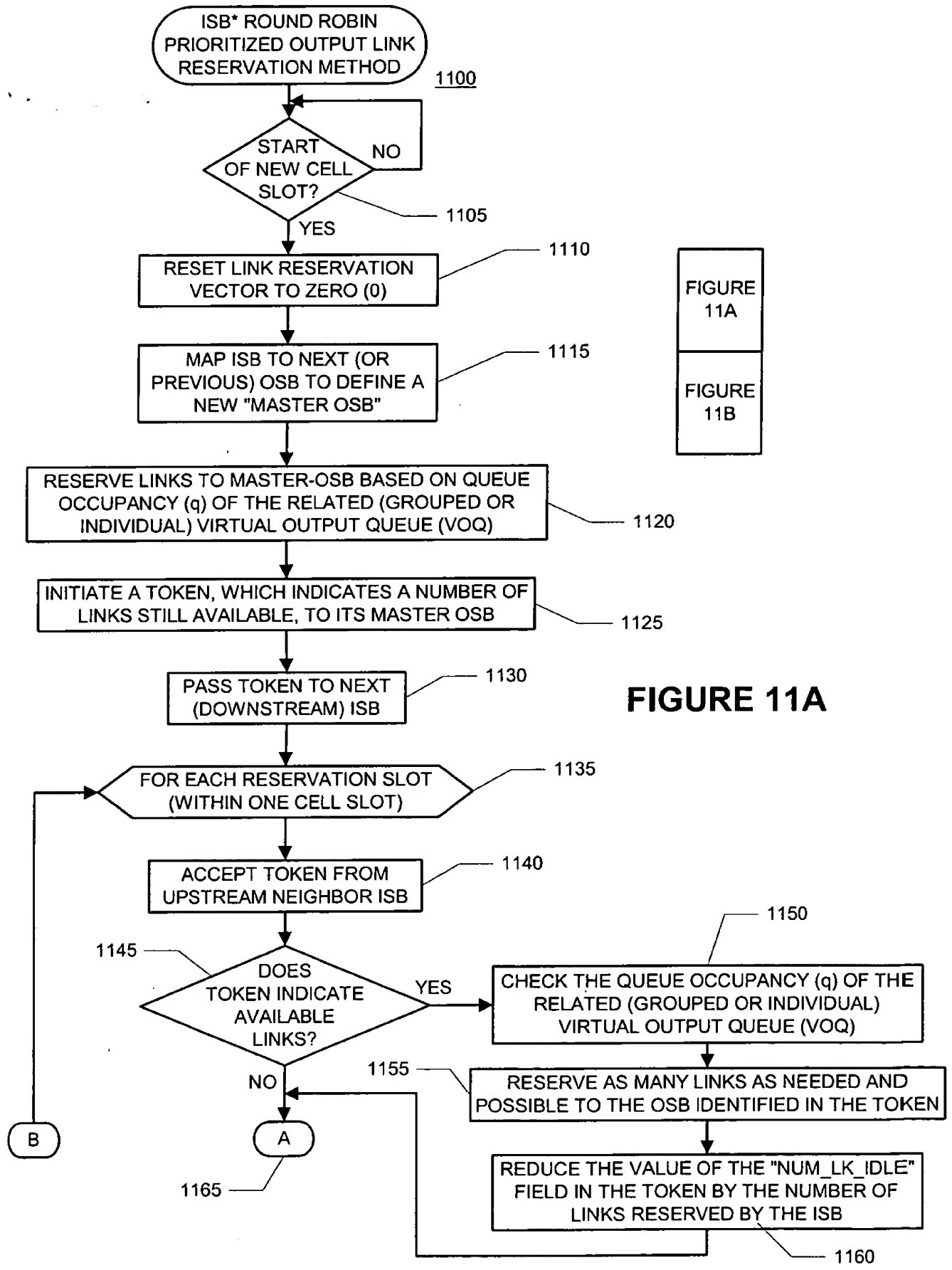


FIGURE
11A

FIGURE
11B

FIGURE 11A

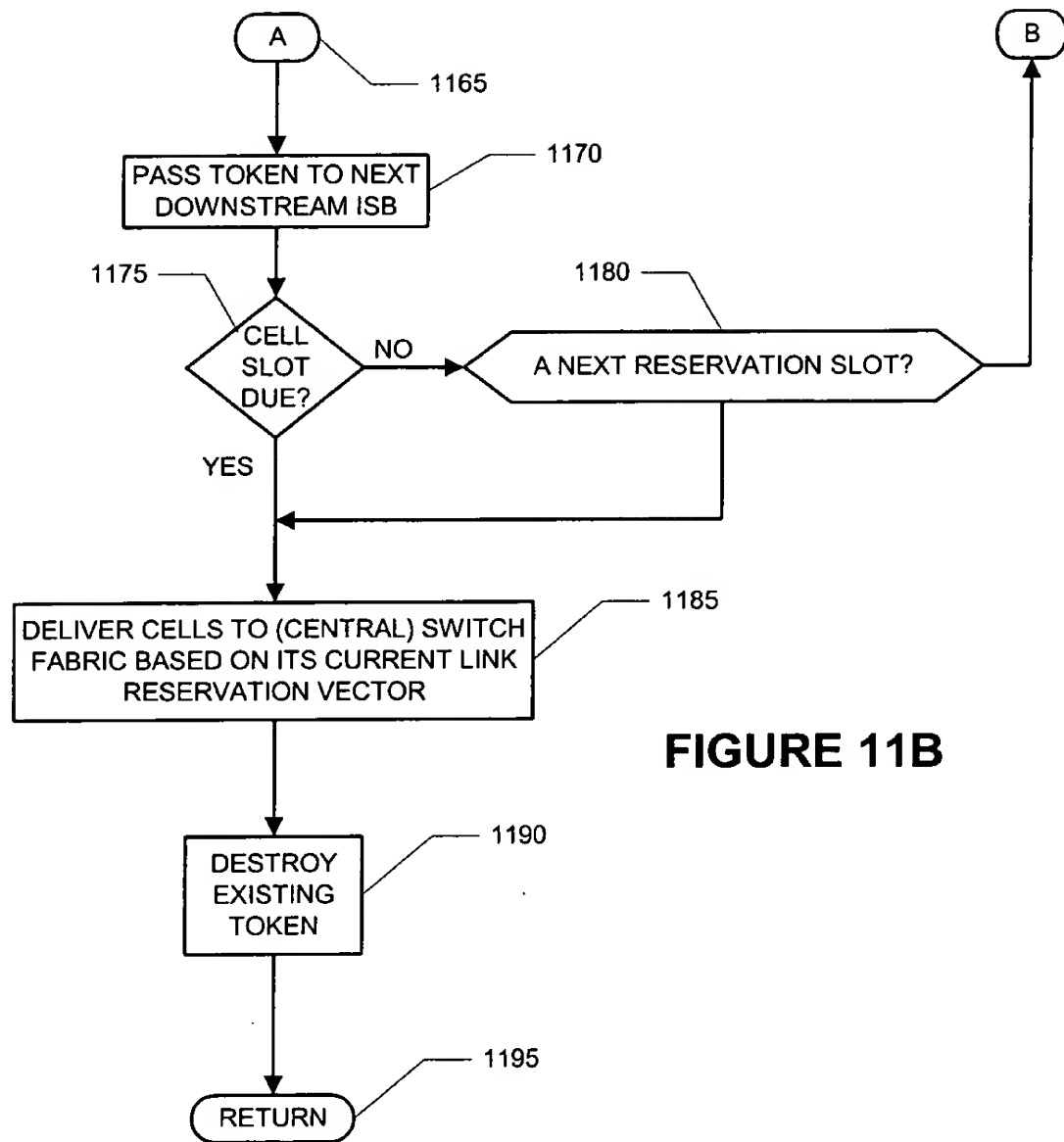
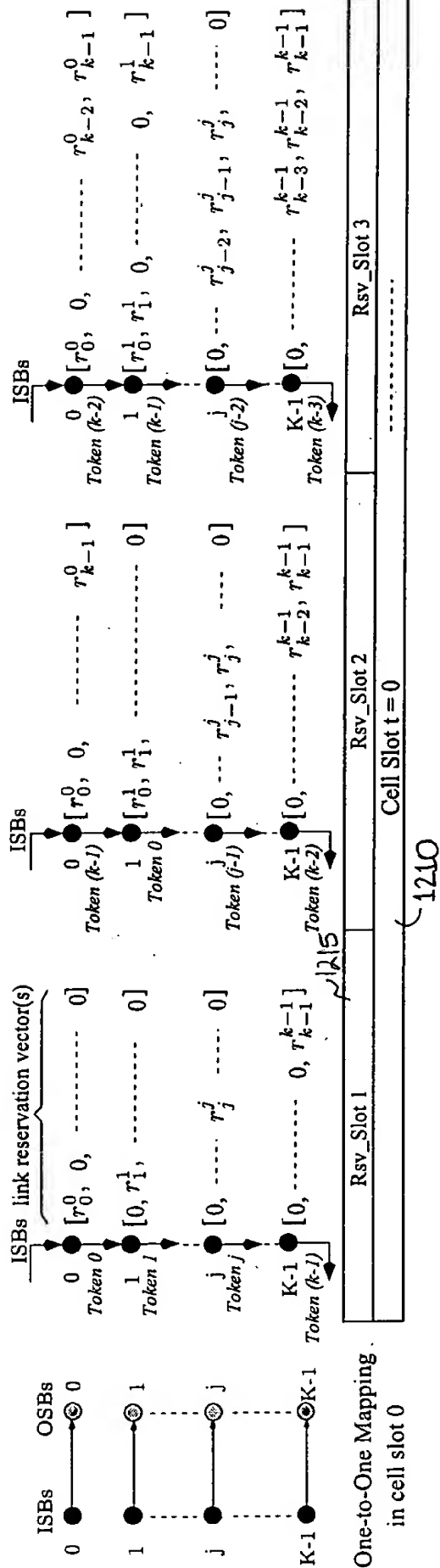


FIGURE 11B

FIGURE 12



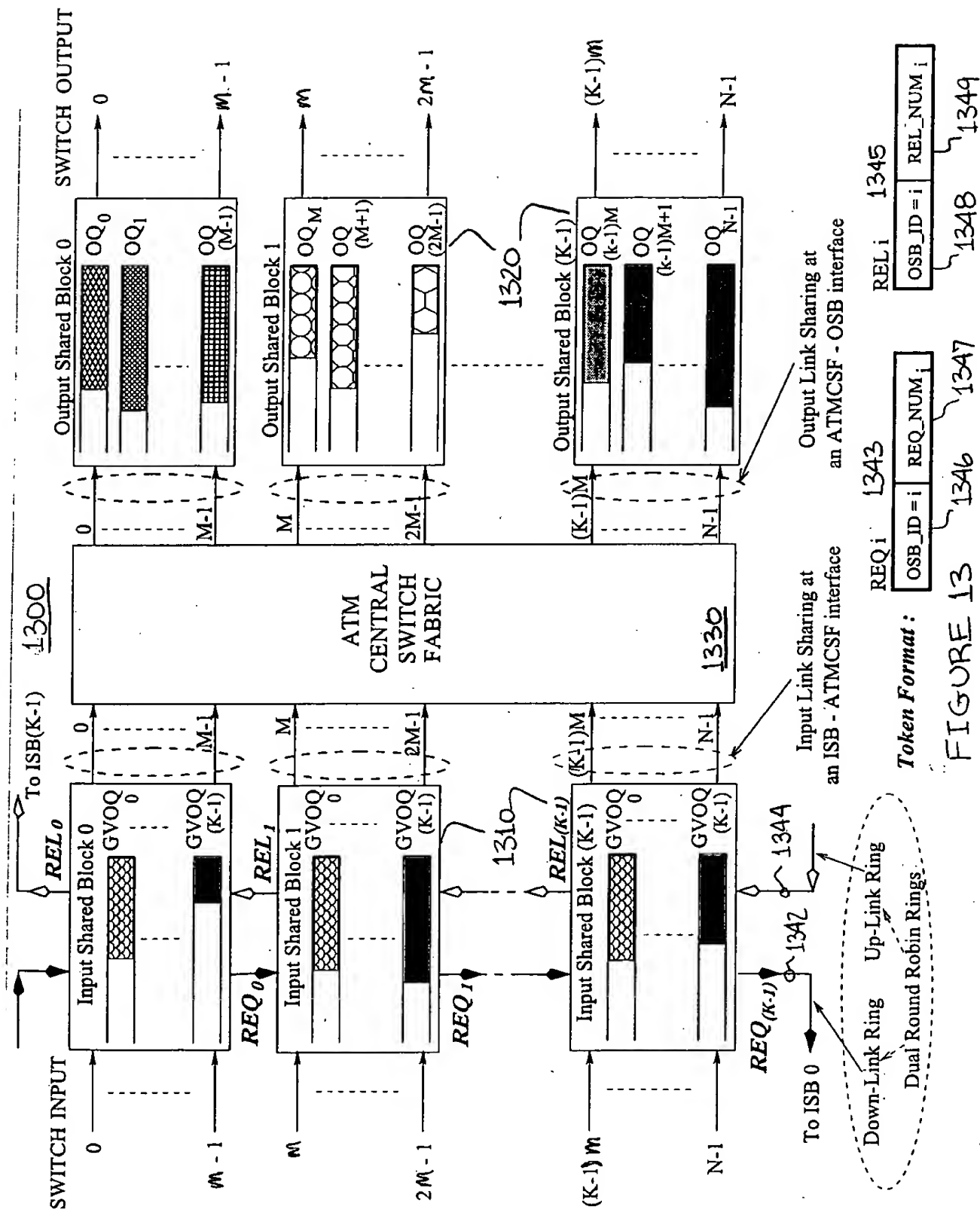
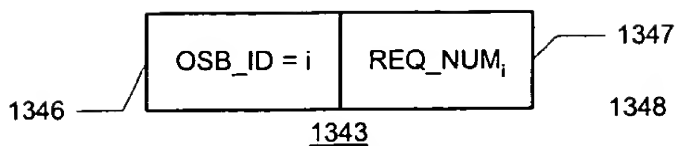


FIGURE 13



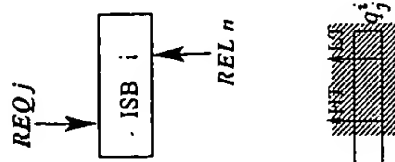


FIGURE 20

	Queue Occupancy $q_j^i < LT$ (area1: light load)	Queue Occupancy $LT \leq q_j^i \leq HET$ (area2: normal load)	Queue Occupancy $q_j^i > HET$ (area3: heavy load)
Operations Upon Receiving REQ_j (QOBDLR)	<p>the i^{th} ISB will request 0 extra link to the j^{th} OSB ;</p> <p>if $((REQ_NUM_j > 0)$ and $(r_j^i > 0))$ then the ISB will release a link for OSB j ;</p>	<p>the i^{th} ISB will request 1 extra link to the j^{th} OSB ;</p> <p>if $((REQ_NUM_j > 0)$ and $(r_j^i > Fair))$ then the ISB will release a link for OSB j ;</p>	<p>the i^{th} ISB will request 1 extra link to the j^{th} OSB ;</p>
Operations Upon Receiving REL_n	<p>if $(REL_NUM_n > 0)$, and $(\sum_{i=0}^{k-1} r_i^i < M)$, and (the i^{th} ISB has requested an extra link to the n^{th} OSB) then the i^{th} ISB take a link from REL_n token ;</p>		

FIGURE 21

	IF		THEN
	q_j^i	$s_j^{i,old}$	REQ_NUM_j
case 1	> HT	0	In Step 3, REQ_NUM_j ++;
case 2		1	REQ_NUM_j
case 3		0	REQ_NUM_j
case 4	\leq HT	1	if ($REQ_NUM_j > 0$) $s_j^i = 0$; REQ_NUM_j -- ; else $s_j^i = 1$;

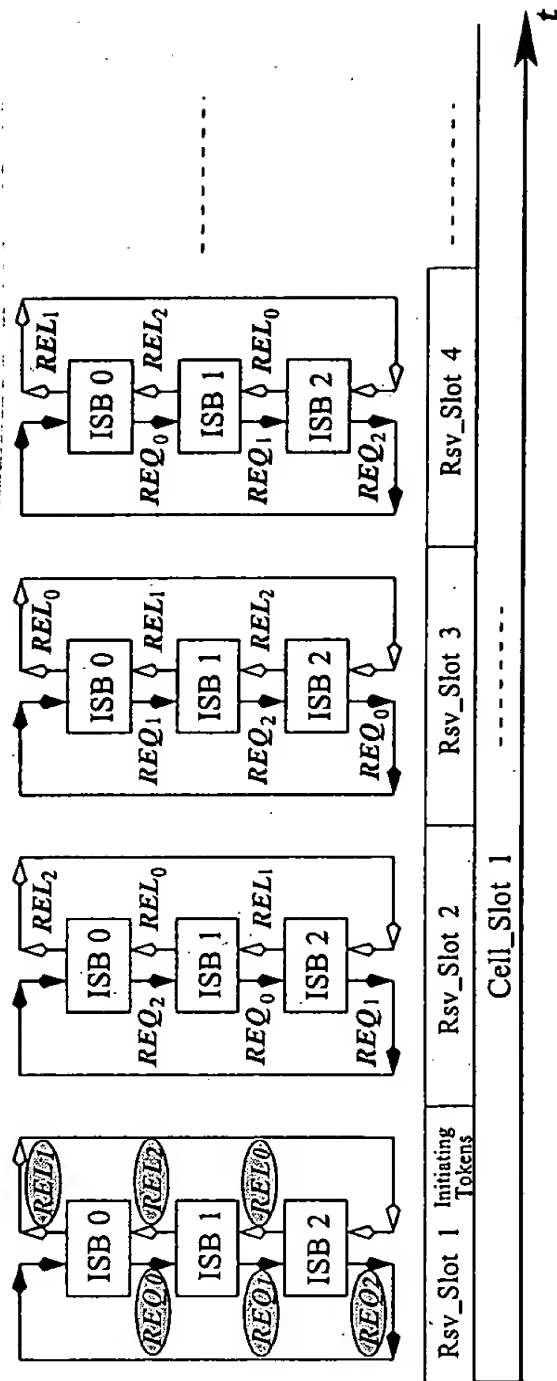
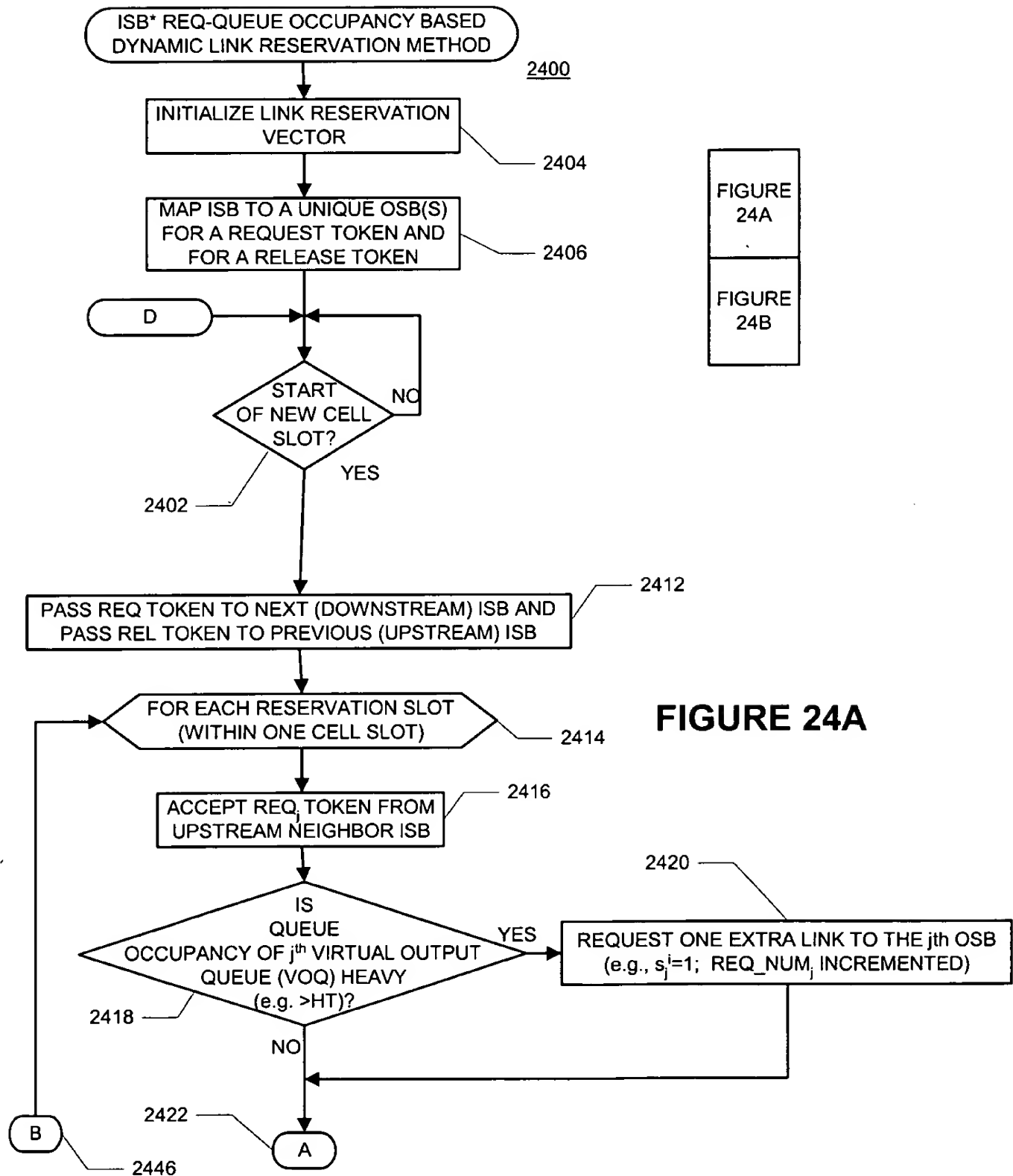


FIGURE 23

006280-1/58E560



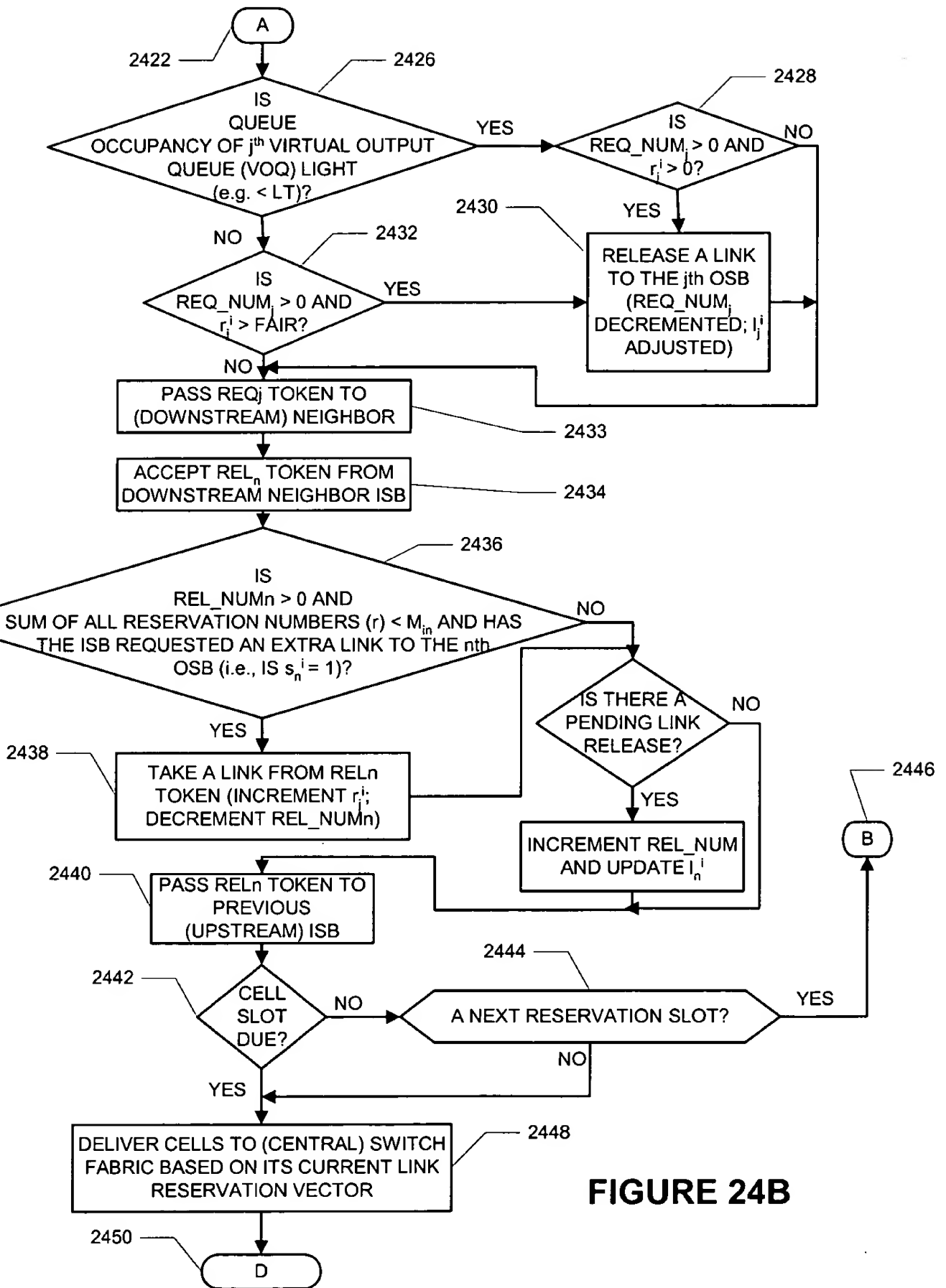


FIGURE 24B

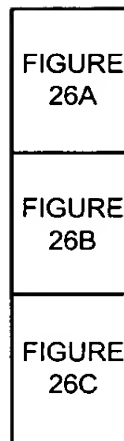


FIGURE 26A

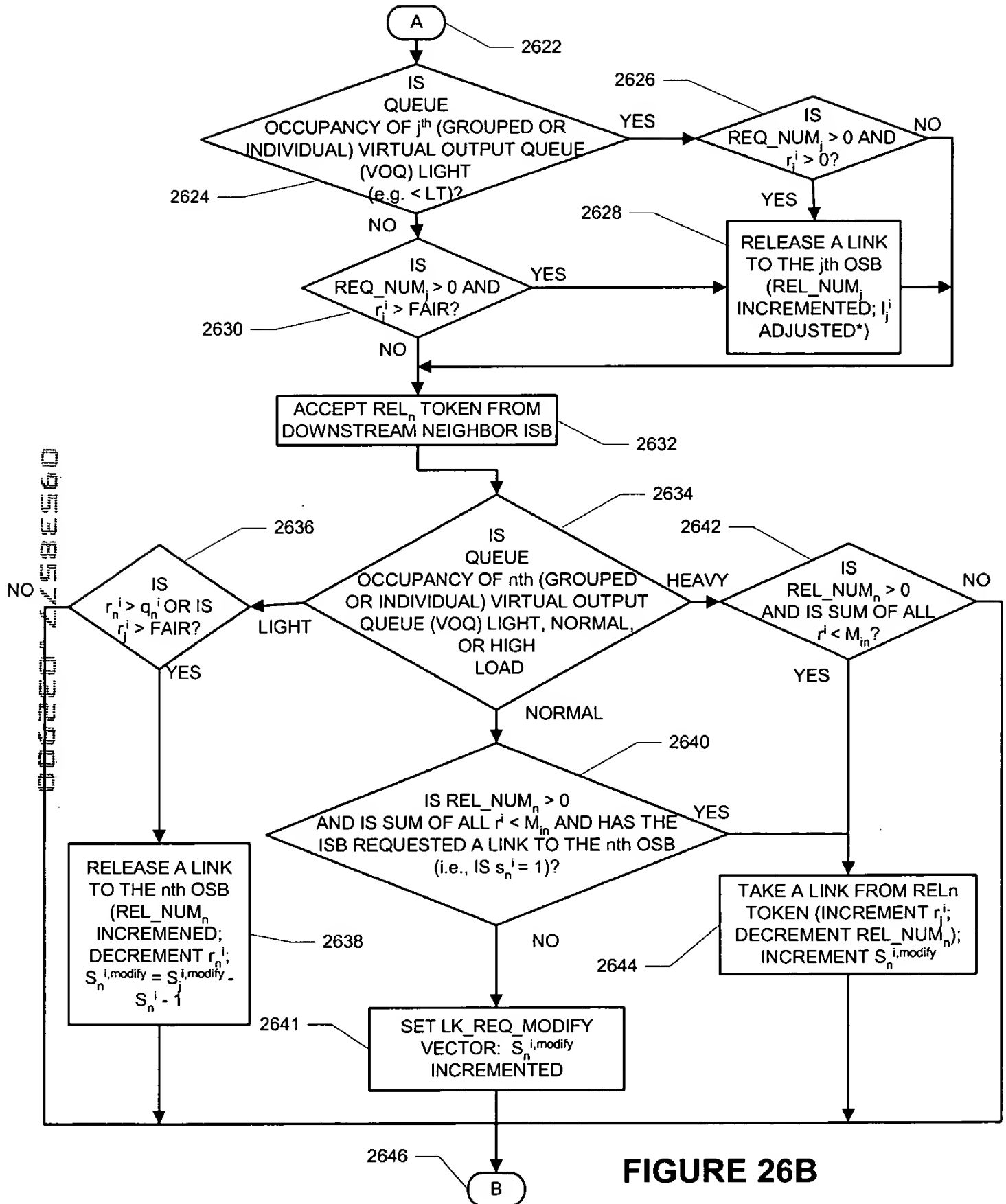


FIGURE 26B

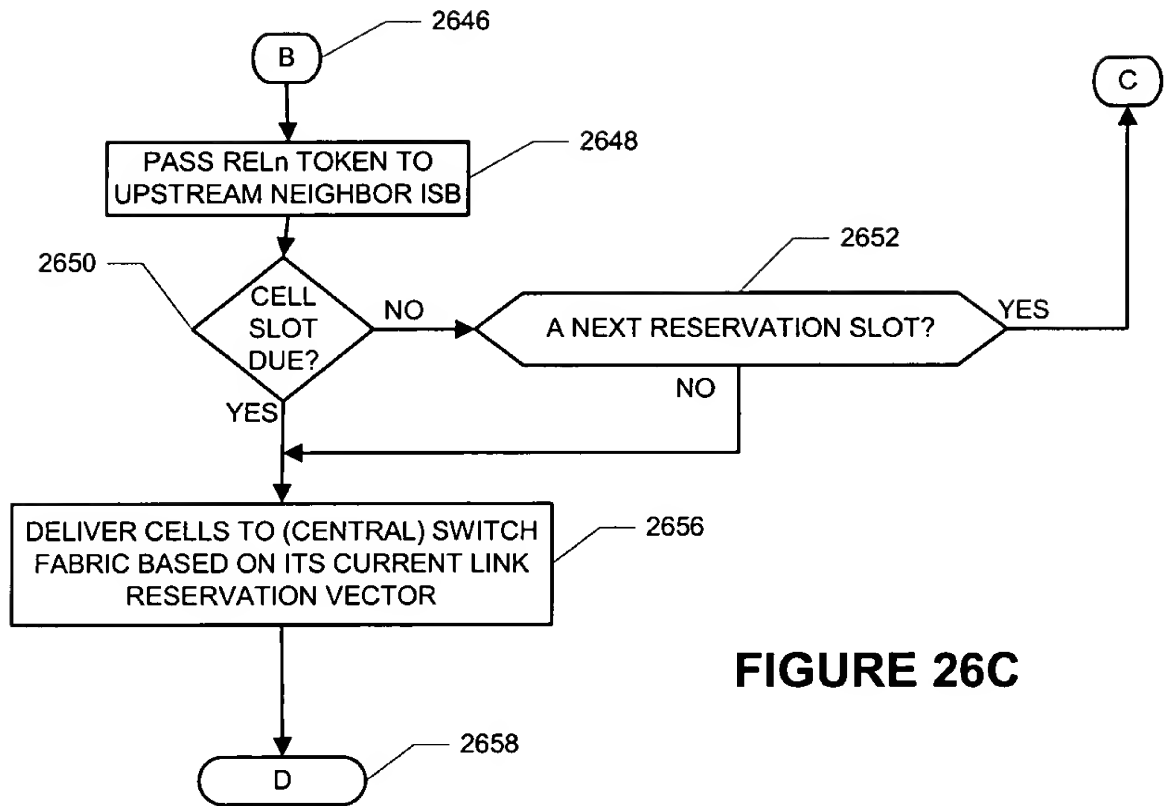


FIGURE 26C